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17/035/009

July 3, 1991

TO: Minerals File

FROM: Holland Shepherd, Senior Reclamation Specialist *HWS*

RE: Site Inspection, Barney's Canyon Exploration Projects, E/035/002,
Kennecott, Salt Lake County, Utah Mine, ~~M/035/002~~, Salt Lake County,
Utah

Date of Inspection: July 3, 1991
Time of Inspection: 9:00 a.m. - 12:00 a.m.
Conditions: Sunny, warm, dry
Participants: Bill Gunter, Bob Ramsey and Bill Dodge, Kennecott; Holland Shepherd, DOGM

The site visit was initiated with a meeting with Bill Gunter discussing the recently calculated disturbed acreage for the exploration sites. Bill gave me a table describing the acreage for each project, and a map. These are attached for the file records.

A meeting was held between Bob Ramsey, General Manager, Bill Dodge, Chief Engineer, Bill Gunter, Chief Geologist and myself. A discussion of the mitigative measures to be taken by Kennecott to alleviate topsoil loss, was held. Kennecott will establish sediment traps along the access road up Melco Canyon to prevent future impacts to Picnic Flats. Also, the operator will establish a berm and ditch along the haul road to the Melco Pit. Water apparently breached this berm during the heavy spring storms, causing an enormous amount of sediment and rocks to escape the disturbed area. Kennecott had constructed a small sediment pond down Melco Canyon, but the breach occurred before drainage could reach the pond.

The operator will also construct silt fences at strategic locations along exploration roads to capture sediment and topsoil. Areas included will be Water Tunnel and BC South.

The operator will install water bars on the Barton Project roads to prevent further erosion.

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An inspection was made of the Harkers Canyon and Silica Knob Project areas. No mining is planned for this area; some reclamation may take place this fall. The majority of disturbance in this area is the exploration roads. The roads are not extensive and should be relatively easy to reclaim.

Bill Gunter indicated he would send me a brief plan description, to cover 5 years, for the Barney's Projects. He will include a disturbance vs reclamation balance and will describe the reclamation methodology in it.

jb
cc: Wayne Hedberg
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